Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 16 Feb 2023 until 23:59 on Friday 17 Feb 2023

Forecast Issued on Wednesday 15 Feb 2023 at 14:14

Confidence: High for pattern, lower for the detail of cloud

Headline for Thursday 16 Feb 2023: Cloudy with rain and drizzle, though drier during the afternoon. Fresh to strong summit winds. Freezing level above all peaks.

Mountain weather hazards on Thursday 16 Feb 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Light rain	Light rain	Light rain	Drizzle	Cloudy	Light rain
Precipitation probability							
70%	90%	90%	80%	70%	40%	20%	30%

Forecast for Thursday 16 Feb 2023

Weather: A dull day with extensive cloud, with outbreaks of generally light rain and drizzle most persistent through to mid-day and again late evening.

Chance of cloud-free hill tops above 600m: 10% or less becoming 20-30% for a time late afternoon and early evening.

Low cloud and visibility: Moderate or poor in rain and drizzle, very poor within cloud with bases extensive down to 500m with patches below, thinning for a time late afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 16 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 SW	19/26 S	18/26 S	16/23 SW	19/26 SW	23/31 W	22/30 W	21/29 SW	22/32 SW
300	14/23 SW	14/21 S	14/21 S	12/18 S	14/20 SW	16/23 W	14/21 W	13/21 SW	18/27 SW
Valley	8/20 SW	7/18 S	6/17 SE	6/16 S	9/18 SW	12/23 W	10/21 W	7/20 SW	10/25 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-2	4/-1	5/1	7/2	6/1	4/-1	5/-0	6/2
300	5/1	5/1	6/1	7/3	8/5	8/4	7/3	7/4	8/5
Valley	5/2	5/3	6/4	7/5	8/6	8/5	7/4	7/5	8/6
Freezing Level*	1100m	1500m	2100m	2000m	1700m	1500m	1900m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Hill fog quite extensive, particularly early and late in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 15 Feb 2023	0mm	0.2mm	0.2mm

Forecast for Friday 17 Feb 2023
Weather: Mainly cloudy with occasional light rain and drizzle.

Maximum wind: West to southwest mean 30-40 mph with gusts reaching 50 mph across most exposed ridges and summits, gradually easing from mid-day.

Chance of cloud-free hill tops above 600m: 10-20%

Low cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases quite extensive down to 500m.

Temperature: **Valleys:** Plus 3 Celsius lifting 11 Celsius during the afternoon
At 600m: Plus 7 Celsius lowering plus 4 Celsius for evening
Freezing level: Above summits

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